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## Substitute for Form PTO-875

Application or Docket Number

Application or Booklet Number  
10026199

(Column 1)	(Column 2)
1	2
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FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE (37 CFR 1.16(a), (b), or (c))		
SEARCH FEE (37 CFR 1.16(k), (l), or (m))		
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		
TOTAL CLAIMS (37 CFR 1.16(l))	22 minus 20 =	—
INDEPENDENT CLAIMS (37 CFR 1.16(h))	3 minus 3 =	—
APPLICATION SIZE FEE (37 CFR 1.16(g))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s)	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))		

MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))

\* If the difference in column 1 is less than zero, enter "0" in column 2

(Column 1;	(Column 2)	(Column 3)
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AMENDMENT A	9-30-05	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total 137 CFR § 161.1	21	Minus	22	= —
	Independent 137 CFR § 161.1	3	Minus	3	= —
	Application Size Fee 137 CFR § 161.1				
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM 137 CFR § 161.1					

FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM 137 CFR 1.162

AMENDMENT B	(Column 1)	(Column 2)	(Column 3)
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESIDENT EXTRA
Total (37 CFR 1.16(a))	*	Minus	**
Independent (37 CFR 1.16(b))	*	Minus	***
Application Size Fee (37 CFR 1.16(f))			
FIRST PRESENTATION OF MATERIAL INDEPENDENT CLAIM (37 CFR 1.16(g))			

FIRST PRESENTATION OF THE REPEATED INSTRUCTIONS: 100% (100%)

\* Theorem 1.1 of [1] states that the space  $\mathcal{H}^1(\mathbb{R}^n)$  is separable, with  $1 \leq n \leq \infty$ .

This collection of information is required by 37 CFR 1.16. The information is required to obtain a benefit by the USPTO in processing an application. Confidentiality is governed by 35 U.S.C. 172 and 37 C.F.R. 1.14. This collection is estimated to take 10 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and any suggestions for reducing the burden should be sent to the Intellectual Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

1. The first group of authors (e.g., [1, 2]) considers the problem of the stability of the motion of a system of particles in the field of a central body. The results of the calculations show that the system is stable for a wide range of initial conditions.